

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090061-CA Mode: Highway Status: Submitted

US-64

From/Cross Street: NC 109 Specific Improvement Type: 1 - Widen Existing Roadway

To: Randolph County Line Project Category: Statewide Mobility

Length: 2.73 **TIP#:** R-2220CA

Fully Funded in Draft STIP? No Cost to NCDOT: \$36,500,000

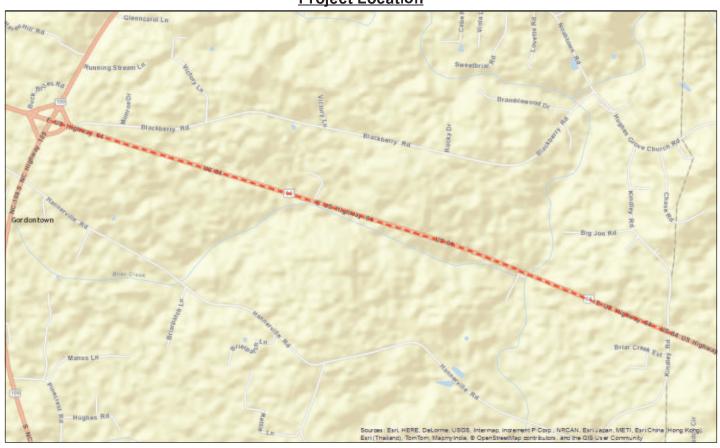
Description:

Widen to Multi-Lanes.

Division(s): Division 9, Division 8 **County(s):** DAVIDSON, RANDOLPH

MPOS(s)/RPO(s): High Point Urban Area MPO

Project Location



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Statewide Mobility Total Score: 15.73

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) Safety (10%) Economic Competitiveness (10%) Multimodal + [Freight & Military] (20%) [Travel Time] Benefit/Cost (30%) Totals: Weight: 100% Weighted Score:	29.33 60.99 0.24 3.97 0.07	N/A	N/A

Regional Impact Total Score: 30.88

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) Safety (10%) [Travel Time] Benefit/Cost (25%) Accessibility / Connectivity (10%) Totals: Weight: 70% Weighted Score	29.33 60.99 0.07 24.31 e: 15.88	Percent: 15% Points: 0	Percent: 15% Points: 100

Division Needs Total Score: 11.98

	Division Engineer Local Input Points	MPO/RPO Local Input Points
0.07 29.33 60.99	Percent: 25% Points: 0	Percent: 25% Points: 0
	29.33	Docal Input Points 0.07 29.33 60.99 Percent: 25% Points: 0

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Project Data *

Existing Conditions

Existing Cross-Section: Speed Limit: 55 Length (miles); 2.73 Facility Type: Two Lane Highway None Access Control: Functional Classification: Minor Arterial Terrain Type: Rolling Lane Width: 12 Paved Shoulder Width: 2 Roadway has Curb & Gutter? No Volume (AADT): 6866.94 15500.35 Capacity: 0.44 Volume/Capacity Ratio: % Autos: 88% % Trucks: 12% Truck Volume: 793.05 61 Crash Density: 73.19 Crash Severity: 48.81 Critical Crash Rate: Crash Frequency: 0 0 Severity Index: 2 County Tier Designation: Non-Interstate STRAHNET Νo Route? Average Commuting Time: 23 Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 75 Actual Congested Speed: 56.73 Travel Time Index: 0.96

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	2.73
Facility Type:	Multi-Lane Highway
Access Control:	Full
Functional Classification:	Other Principal Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	106298.9
Travel Time Savings for 30 Years (Autos):	94022.57
Travel Time Savings for 30 Years (Trucks):	12276.33
Long-Term Employment:	2
% Change in Economy:	2.78E-06
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 9

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^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

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Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 9	100%	0	0
Division 8	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
High Point Urban Area MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$19,000,000	TIP Unit
Right-of-Way Cost:	\$14,500,000	TIP Unit
Utilities Cost:	\$3,000,000	TIP Unit
Total Project Cost:	\$36,500,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$36,500,000	

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